

# Report of Survey for Repairs, &c., of Engines and Boilers.

Date of writing Report Oct 15<sup>th</sup> 1897 When handed in at Local Office 15.10.97 (Received at London Office SAT. 16 OCT 1897)

No. in Book 332 Survey held at West Hartlepool Date, First Survey July 8<sup>th</sup> 1897 Last Survey Oct. 15<sup>th</sup> 1897

on the Machinery of the Wood, Iron or Steel S.S. Winston (Sunk 4.97) Master ✓ (No. of Visits 12)

Gross 1190 Net 743 Vessel built at H. Hartlepool By whom H. Gray & Co. (Ld) When 1876 Boilers, when made (Main) 1894 (Donkey) 1894

Engines made at Hartlepool Owners R. Jobson & Co Port H. Hartlepool Voyage ✓

of Main Boilers 1 of Donkey Boilers 1 Steam Pressure 93 lbs. in Main Boilers 93 lbs. in Donkey Boilers 90 lbs.

Surveyed Afloat or in Dry Dock Central dry dock (State name of Dock.)

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

ast Survey No. 197 Port West Hartlepool

Particulars of Examination and Repairs (if any) Special Survey

Periodical Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the cause of Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on account of Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and notes and initials of any letters respecting this case.

the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? No

Do. " Donkey " No

this was not done, state for what reasons? New main + donkey boilers now fitted

What parts of the Boilers could not be thus thoroughly examined? ✓

What special means, in the absence of internal examination, were adopted by the Surveyor to assure himself of the thorough efficiency of those parts of each Boiler? ✓

the Surveyor examine the Safety Valves of the Main Boiler? Yes

what pressure were they afterwards adjusted under steam? 95 lbs

the Surveyor examine the Safety Valves of Donkey Boiler? Yes

what pressure were they afterwards adjusted? 80 lbs

the propeller shaft been drawn and examined at this time? Yes

the Survey is not complete state what arrangements have been made for its completion? complete

Vessel stated to have sunk after collision in the River Thames in April 1897, having its class withdrawn, now lifted + repaired, view to reclassing.

Vessel placed in dry dock, propeller shaft drawn, exam. & found in good condition. New work in lower half of stern bush. All sea cocks + valves, fastenings of sea connections + propeller in good order. The main steam pipes have had their flanges re-riveted, annealed, afterwards tested by hyd. pressure to 200 lbs. per sq. in. & found tight. The whole of the Machinery has been cleaned + overhauled.

Examined Cylinders, pistons, slide valves, crank, thrust + tunnel, haphing condense + all pumps, found all in good condition.

New liner has been fitted in H.P. Cylinder, dia. reduced to 27 1/4".

Piston turned to suit, with new rings. Dia of crank 9 1/2" + tail shaft 9 1/2".

Water tight door in engine room repaired.

New Main + Donkey boilers have now been fitted see attached Report.

General Observations, Opinion, and Recommendation:— The Machinery + Boilers of this vessel are now in good condition and eligible, in my opinion, to be reclassified.

(State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for example, B.S. 9.95, B.&M.S. 9.95 or L.M.C. 9.95, 140 lb., F.D., &c.)

are now in good condition and eligible, in my opinion, to be reclassified with record L.M.C. 10, 97. also N.B. 10, 97.

D. 13.97. and reduced dia of H.P. cylinder 27 1/4" marked in the Register Book.

or Registration Fee (per Sec. 27) £ : : Fees applied for 15.10.1897

Fee (per Section 28) £ 4 : : ✓

Damage Fee (per Section 28) £ : 8 : : ✓

Expenses (if chargeable) £ 3 : 12 : : ✓

Certificate required ✓

Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.



Screw shaft examined & engines thoroughly overhauled,  
main & donkey boilers renewed.

N.B.—If this Report is copied by Copying Press, especial care must be taken that the copying paper is not so much damped as to spread the ink, or cause it to show through to the other side.

It is submitted that  
this vessel is eligible for  
THE RECORD. L. M. C. 10. 97. + N. B. 1097. N. D. 97.

Dia of H. P. cylinder  $27\frac{1}{4}$ "  
Working pressure of main boiler 93 lbs.  
" " " donkey boiler 80 lbs.

J. H. S.

19. 10. 97

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



© 2020

Lloyd's Register  
Foundation